

NPL Factsheets for Indiana:

MARION (BRAGG) DUMP

EPA REGION 5

Grant County

Marion

EPA ID# IND980794366 - Last Update: February 2002 5th Congressional District

Site Description

The Marion (Bragg) Dump site covers 72 acres and is located just outside of Marion, which has an estimated population of 32,000. The area is relatively flat, with the Mississinewa River bordering the site on the east and the north. A cemetery lies to the west and a private, open area lies to the south; the nearest residents are about 1/4 mile away. The landfill was formerly a gravel pit. The land was leased for the disposal of various wastes by the Radio Corporation of America (RCA) and the Bragg Construction Company. The Bragg disposal facility was closed in 1975, and the RCA facility closed around 1970. A transfer station was opened at the site by Waste Reduction Systems in 1975 and it closed in 1977. The dump contains approximately 1,100,000 cubic yards of wastes, some of which are hazardous, including solvents, plasticizers, lead, and cadmium. Residents in the area depend on groundwater from private and municipal wells for their water supply. A 15-acre pond in the middle of the landfill is connected to the upper aquifer; some wastes were disposed of along the edges of the pond. Some of the

northern portion of the site is within the 100-year floodplain of the Mississinewa River.

Site Responsibility: This site is being addressed through Federal, State, and potentially responsible parties' actions.

NPL Listing History: Proposed Date: 12/30/82
Final Date: 09/08/83

Threats and Contaminants

Groundwater contamination was found in the shallow aquifer along the waste boundary by the river. The major contaminant of concern in the aquifer is arsenic. No effect on the river has been found. No unacceptable risks have been found due to exposure to the water in the on-site pond. Private drinking water wells across the river, which are the only wells nearby that are in the downgradient direction, have not been threatened or affected since the contaminated aquifer discharges into the river.

Cleanup Progress

Construction of the remedial action (RA) for operable unit one (surface soils and on-site wastes) was completed by September 1993. During this construction, the site was fenced, a landfill cap was installed and protected from floodwaters, the river bank was stabilized, and an investigation and monitoring program was undertaken to provide more information for the remedy selection for the groundwater (operable unit 2) and on-site pond (operable unit 3). A group of six generator potentially responsible parties (PRPs) performed the RA under a mixed-funding Consent Decree (CD) entered in April 1991. Under this Decree, a unit of the city is providing maintenance of the site. A CD in which five additional PRPs settled a cost recovery complaint was entered in March 1997. A Proposed Plan for operable units 2 and 3 was issued in June, 1997, and the Record of Decision (ROD) for these was signed September 30, 1997. "No

Action" was selected as the remedy for these two operable units. With this ROD, the United States Environmental Protection Agency (U.S. EPA) determined that its response at the site was complete, so the site was placed on the Construction Completion List. Monitoring of the groundwater, the on-site pond, and the river will continue. A deed restriction has been placed on the property that constitutes the original facility to prevent access to groundwater and to protect the remedial work. A deed restriction has also been placed on cemetery property to the west to prevent access to the groundwater. In September 2000 a five-year review report was issued. As a result of the review, U.S. EPA certified that the remedy selected remains protective. A copy of the report is available in the repository in the Marion Library.

Contact

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